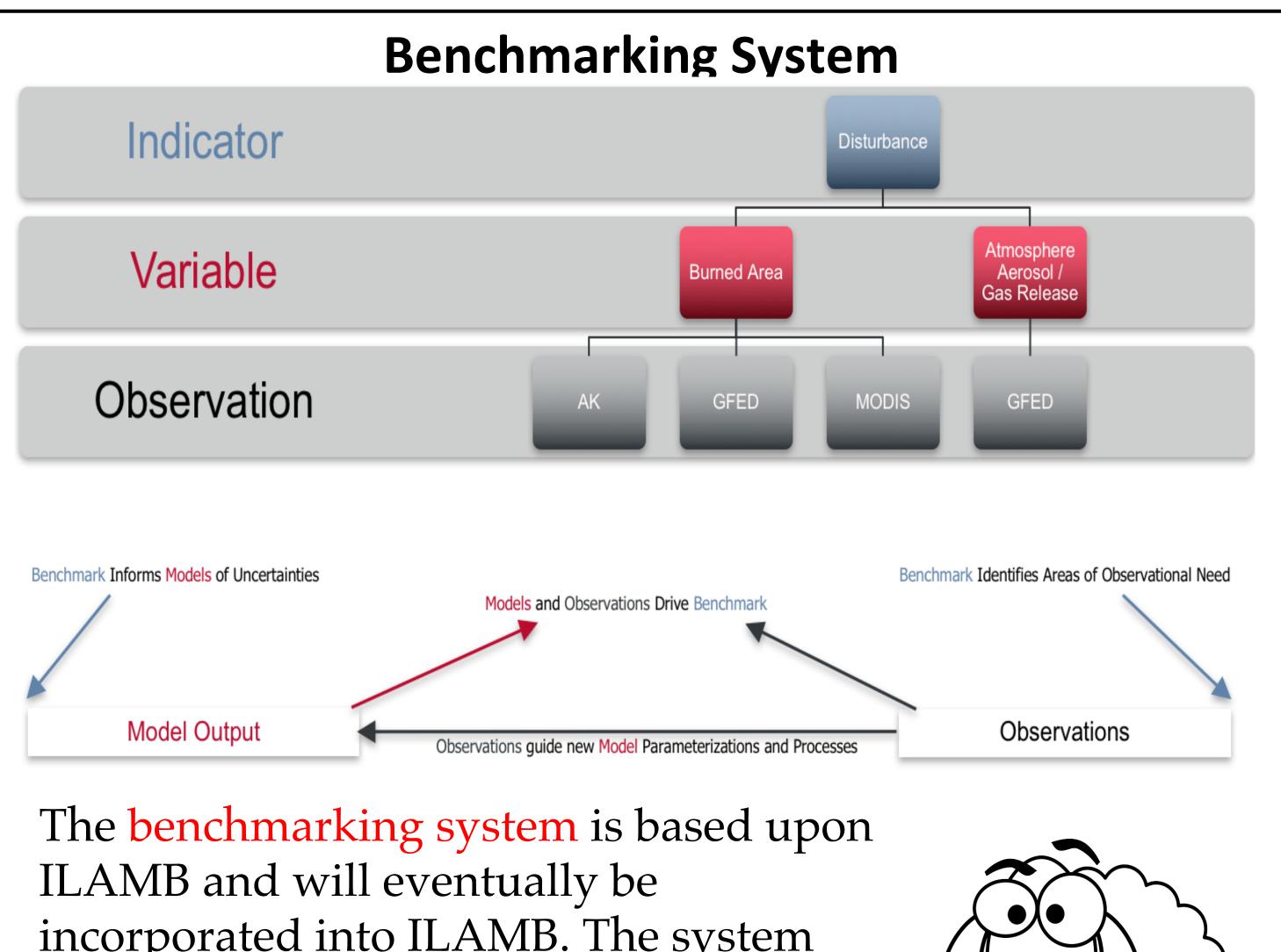


The Model-Data Integration Framework for NASA's Arctic Boreal Vulnerability Experiment (ABoVE)

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- How are the magnitudes, fates, and land-atmosphere exchanges of carbon pools responding to environmental change, and what are the biogeochemical mechanisms driving these changes?
- What processes are contributing to changes in disturbance regimes and what are the impacts of these changes?
- How are flora and fauna responding to changes in biotic and abiotic conditions, and what are the impacts on ecosystem structure and function?
- What are the causes and consequences of changes in the hydrologic system, specifically the amount, temporal distribution, and discharge of surface and subsurface water?
- What processes are controlling changes in the distribution and properties of permafrost and what are the impacts of these changes?



incorporated into ILAMB. The system will reside on the ABoVE Science Cloud, enabling fast access to current and future ABoVE data as well as other datasets relevant to the ABoVE region.

